



OTVARC

MAY-JUNE 1981

OREGON TUALATIN VALLEY AMATEUR RADIO CLUB

NEXT MEETING: Wed. June 17th 6:30 for dinner

7:00 for meeting. WHERE: Norths Chuckwagon, Beaverton Mall

WOW, BOY, WHOOPPEE and a whole bunch more of that kind of thing. Steve Das sure put on one whale of a talk for us. Super presentation and VERY informative. If you missed out, we hope you took in the program at the convention. He gave the same talk there. We have so much talent within the club to tap it is boggling. We thank you very much Steve. If you come up with any variations, lets do it again,,,,

Sure had a lot of fun at the Silver Falls picnic. The turnout was pretty good and the wx cooperated. Super place for picnics even though the drive is rather long. Well worth the trip. Got to have another one of those. Much thanks to Janet and here crew for the planning of it..

For your info, we had right at 100 in attendance at the May meeting. Wes had to eat his dinner standing up. We will attempt to persuade the management to set the place for maximum capacity. Boy, 100 out of a membership of 113 is phenomenal. Most clubs are lucky to hit 50%. Keep up the GREAT support..

El Presidente gave away three of his outdated callbooks. Wonder if some other members have callbooks to donate. Quite sure that some of our novice members could use one. Take a look in the closet!!

Appreciate the raffle goodies from PORTLAND RADIO and the WATT SHOP. It sure does help us out. We were a little light on the number of prizes and we apologize for that. If it becomes necessary to purchase a few extra goodies so as to have more to go around, we will do it. Our donors are called on pretty heavily and with the membership growing so fast, it may become a monthly necessity.

A big thank you to Carl Henniger for making us a very neat sign for the convention booth. Really a beaut and it will be saved for future use. Thanks Carl....

Warren, N7BIJ, got his DXCC. HOOORAY!! (ho-hum)

AI7G better read this issue!!! It has a field day map and info!!



Keyer adds speedometer output

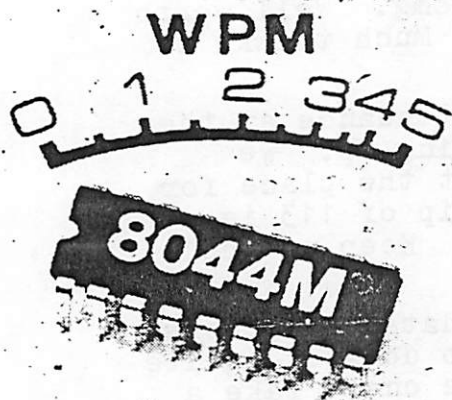
An interesting enhancement of the popular 8044 CMOS keyer has been introduced by Curtis Electro Devices.

Called the 8044M, this new integrated circuit adds an output designed to drive an analog meter for speed indication. Speed indication from 6 wpm to as high as 100 wpm can be accomplished by simply adding two capacitors — a resistor and a 100nA meter. The meter indication can be calibrated to be well within a 5% tolerance. The reading is stable, even at the lowest speeds.

The addition of two extra pins at the end of the package allows a pin-for-pin fit with the standard 8044. One of the pins is used for a timing capacitor and the other pin drives the meter directly. This allows retrofitting in many existing keyers with relative ease.

The keyer function of the 8044M remains the same as in the 8044 design providing dot and dash memories, iambic operation, key debouncing, weight control, monitor oscillator and extremely low-power dissipation.

Housed in an 18-pin plastic package, the 8044M is priced at \$19.95 and is available from Curtis dealers or factory stock.



Two kits are available to help in construction of a quality keyer. The 8044M-3 offers the IC, a PCB, edge connector, socket and manual for \$29.95. The 8044M-4 is more complete, offering all parts except chassis, knobs, jacks, switches, speaker, meter and power supply. It is priced at \$59.95. Various suitable meters are also available and are priced at \$7.95.

For further information, contact Curtis Electro Devices, Inc., Box 4090, Mountain View, CA 94040. Telephone (415) 494-7223. □

A NEW VIETNAMESE COOKBOOK
IS OUT AND IT IS CALLED:

"100 WAYS TO WOK YOUR DOG"

yuk!!

KLA



Photo courtesy of Intel

VISITORS to Intel's Career Day view computer wafers at testing point. Firm welcomed more than 1,000 visitors to all-day event.

CAN YOU FIND THE OTVARC MEMBER????

DAFFYNITIONS.....

ATTENUATOR - One more than a Nine-U-Ator
AUDIO - First name of a famous Murphy
BROADBAND - An all-girl orchestra
DEGAUSSER - Indigestion remedy
DIELECTRIC - First degree murder sentence
DIODE - Poem about death
ION - Device for pressing clothes
LIMITER - Man's wedding ring
MICROWAVE - Greeting between two micros
MULTIPLEXED - Perplexed about many things
NUVISTOR - First time visitor
OHM - An Englishman's house
SYNCING - What Titanic was doing
VARIABLE RESISTOR - Girl that sometimes says no
VIDEO - Surname of famous captain
YOKE - Funny story in Sweden

GOT A
FUNNY?

GIVE US
A CALL!

+
SOMETHING
TO SELL

GIVE A
CALL!

646-5456

UPSY GRADES

Carter, WB7WHO to advanced, Marianne, KA7CVR to tech. Frances, KA7KIS to novice. Cary, KA7KIR to novice. Don, KA7HOI to general. Doc, W7ZVC to advanced. Willy, KA7KBJ to tech. Karen, KA7CVQ to tech. Eugene, KA7KBH to tech. GOOD GRIEF! That is a bunch. A great big congratulations to you all....

CALL CHANGES

Bill, was KA7DHU is now KI7F. Dennis, was WB7VTG is now KC7BE. Dave, was KA7HID is now KB7SG. Another big congrats. NEAT!

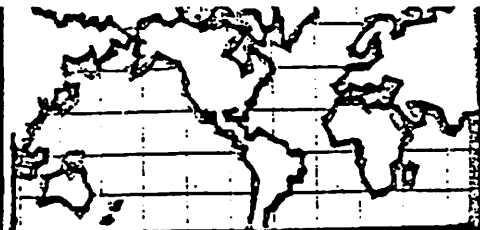
NEW MEMBERS

Charlie Chartrey, KA7DEX-Marten Schmidt, KA7JWP-Russ Rauch, N7ASB.

Ran out of crummy room. Welcome guys and welcome back Russ!

"HOT EXPLOSION!"

THE CHAIRMAN OF THE FCC, ROBERT LEE, HAS PROPOSED THE ABOLISHING OF THE CITIZEN BAND SERVICE WHICH HAS OCCUPIED THE 27 MEG BAND, FORMERLY ASSIGNED TO THE AMATEURS AND DIATHERMY AND MEDICAL APPLIANCES. THE STAFF OF THE FCC APPEAR TO BE IN FULL ACCORD. IF YOU REMEMBER SOMETIME BACK THE WEST COAST BULLETIN ANNOUNCED THE FCC WAS CONSIDERING A NEW PERSONAL RADIO SERVICE ON 900 MEGACYCLES. IT IS OUR BELIEF THAT THIS THOUGHT IS BEHIND THE ABOLITION OF THE CB SERVICE ON 27 MEGS. THIS ACTION WILL NOT BE DONE OVERNIGHT BECAUSE THERE WILL BE TERRIFIC PROTESTING BY THE CB SERVICE PLUS THE BACKING OF MANUFACTURERS OF CB EQUIPMENT. BUT THE SERVICE HAS BEGUN TO DROP AND WITH THIRTY MILLION CBERS, AND ONLY EIGHT MILLION OF THEM LEGAL, THE FCC HAS COME TO REASSESS THEIR VALUE IN PUBLIC CONVENIENCE AND NECESSITY. THE GOOD THEY DO AND THE BAD CERTAINLY DO NOT ADD UP TO KEEPING THEM IN SERVICE MUCH LONGER. WE FEEL THE FCC WILL SET A TIME OF AMORTIZATION OF THE CB EQUIPMENT WHICH RUNS INTO MILLIONS OF DOLLARS, AND THEN MAKE IT ILLEGAL TO OPERATE ON 27 MCB AND ESTABLISH THE NEW PERSONAL RADIO SERVICE ON 900 MCS. THIS ACTION MUST OF COURSE CALL FOR A HEARING FIRST, THEN COMMENTS, ETC., BUT ANY FINAL ADOPTION IS IN THE FCC HANDS. AUSTRALIA WAS THE FIRST COUNTRY IN THE WORLD TO MOVE THEIR CB OPERATION TO 900 MEGS AND ELIMINATE THE EVER INCREASING PROBLEMS OCCURRING FROM THE TWENTYSEVEN MEG ACTIVITY. OTHER COUNTRIES ARE FOLLOWING AND IT IS INEVITABLE THAT THE UNITED STATES WOULD SOON FOLLOW.



DX WORLD

Burundi (9U5)

There is a new station on from Burundi that is a club station signing the call 9U5WR. The operator is reported to be Jerzey Stopa, SP6BAA, who is a telecommunications advisor assigned there. The rig consists of a TS-830 with a TH6DX tri-band Yagi and is on CW only.

It is reported that 9U5WR is the only valid license there, but there has been a 9U5JM reported to have been active from Burundi. He has been found on SSB on 14.150 MHz at 1800 UTC and 21.170 MHz at 1730 UTC. Unfortunately, those frequencies are out of bounds for the U.S. SSB'ers.

List operations illegal?

In a past issue of *The DX Bulletin*, editor Jim Cain, K1TN, expresses a good point regarding list operations. Here it is, reprinted in his own words:

"As many have suspected for some time, list operations violate the law if there is not a third-party agreement between the list-maker and the DX station using the list, if the maker passes call signs to the DX station. *The DX Bulletin*, in a conversation with two FCC personnel, has learned that interpretations indicate U.S. amateurs are in violation of FCC rules when list operations are conducted in the manner described above.

"If the list-maker addresses other U.S. stations and has them, in turn, call the DX, the rules have not been broken. But if the list-maker addresses the DX station and gives the calls of those waiting for him, a third-party agreement must exist in order for the operation to be within regulations.

"While it is unlikely that any amateurs would be cited for these practices at this time, the FCC continues to monitor the situation. Government attitudes presently prevailing recognize DXing as in "the public interest" when operator skills are improved and polished; however, working a new country per se is not necessarily in "the public interest" and working DX via "nets" and lists does little to improve operator skill or radio knowledge.

"FCC sources also indicate it is not likely that stations participating in list operations by getting on the lists would be viewed as "accessories" to any unlawful act. However, a monitoring station observing a list operation would most likely note the call signs of all stations on frequency, not just that of the list-maker.

Cameroon (TJ1)

John Vosnakis, TJ1BB, is a regular on the bands and can be found on CW near 14.010 MHz from 2100 UTC. The station is being operated by Gerard Rossano, N4JR, who plans to be there for two years and has applied for his own call. He has been reported as late as 2300 UTC a few kiloHertz higher, at 14.020.

SSB buffs should look for TJ1SB, who has been reported on 21.295 MHz at 2300 UTC.

Cuba (CO)

This little country isn't DX as far as distance goes, but could be classified as rare DX due to the conditions that exist in the little island country. On Sundays, near 28.505 MHz from 1500 UTC, there is the CO DX Group that is attempting to activate all of the call districts of Cuba for those who wish to qualify for the CO Award. So, if you need Cuba, there is the place to look.

Of course, this country is found on other bands, and has been represented by Ricardo Hernandez Garcia, CM1RH, on 1804 kHz at 0200 UTC; CM7KR on 7023

Ascension Island (ZD8)

This little island is in the South Atlantic Ocean off the coast of Africa. Several stations have been reported active from this little nation. ZD8RH is one of the active ones and has been reported near 21.296 MHz after 1900 UTC. Not to slight the brass-pounders, he has been found down at 21.005 MHz at 2000 UTC.

Another active Ascension Island station signs ZD8TC and has been found at the low end of 15 meters near 21.026 MHz from 1300 UTC, near 14.022 MHz from 2100 UTC, 7.011 around 2050 UTC, and 3.505 MHz at 0630 UTC. He has also been found on 10-meter CW. I don't know whether he operates SSB, as all reports have shown him only on CW.

Other active stations include Roy Foster, ZD8RCA, found near 28.508 MHz around 1900 UTC and 21.316 MHz at 2300 UTC; ZD8FS on 14.018 MHz at 2200 UTC; and ZD8RA on 21.282 MHz from 0100 UTC.

The above are report times of these stations. Most likely they will be found elsewhere and at different times, but this should give you an idea of what is on over there.

"It was also stated that the FCC is aware of the poor identifying practices on many of the list and "net" operations. Saying just the last letter (or two letters) of one's call sign is permissible, so long as the entire call of one's station — as well as the call sign of the station being addressed — is eventually transmitted."

I would like to add to Jim's comments something else related to the above. I have heard in the past where two stations communicating could not get a complete call of one. In other words, if I were trying to make a contact with a DX station and he couldn't copy me well enough to get my full call, some good-intentioned operator comes along with a stronger signal and passes my call on to him. I would say that is in violation of FCC rules if no third-party agreement exists.

List operations or DX nets, therefore, are not necessarily in violation. Just be alert as to how they are operated. Use Jim's guidelines and you should be out of the fire.

Also, note that a DX station can take a list for another DX station that contains your call. Everything will be fine as long as the DX list-taker tells you to call the other DX station. After all, he made the list from a communication you had with him in the first place.

Nets

Afrikaner Group	21.355 MHz
American Safari DX Net	1800 UTC Daily
East-West Net	21.295 MHz
French DX Net	1830 UTC Daily
GD Net	21.410 MHz
Jersey Island DX Group	2130 UTC Saturday
Southern Oregon DX Club Net	28.500 MHz
DK2OC Net	1200 UTC
	7.090 MHz
	1000 UTC Sunday
	14.210 MHz
	0500 UTC Mon-Fri
	21.370 MHz
	0100 UTC Friday
	28.750 MHz
	1400 UTC Mon & Sat

ARRL represented at charter signing

The Amateur Radio Club of Silverton (ARCS) of Silverton, Oregon recently formed a Charter Club. Thirty club members, including special guest Mary Lewis, W7QGP — Northwest Division Director of the ARRL — attended a dinner-meeting on Wednesday, 14 January 1981, where 19 club members signed the charter. Byron Richards, president of the Silverton club, was one of those who signed the charter.

TVI:

TVI — television interference — may be due to too long of a ground-wire. RG8U is recommended as ground-wire using the center conductor. Connect a high-voltage type 1000pF disc ceramic from the braid to the center conductor at each end. — *Hualapai ARC Newsletter, Kingman, AZ*

That's incredible!

J.A. Ross, W6JPS

On 21 March, Larry Ross, WA6PKI, of Fresno, California worked Larry Ross, WD8PKI, in Toledo, Ohio. Odds are quite long on this combo.

FUN in '81!!



Go on Field Day

George Anderson, W7ON

Are you new to Amateur Radio and wonder what Field Day is all about? Perhaps you're an old-timer who is still wondering. Wonder no more because you are about to learn how Field Day encompasses more aspects of Amateur Radio than anything else you could do. No matter what your age, ability, experience, license class or interest, there is something for everyone. You don't even have to be licensed yet to participate! Field Day is the most popular Amateur Radio event of the year with thousands of amateurs participating all over the United States.

But, you say, I still haven't told you what Field Day is. Let me try. Once a year, on the last weekend in June, amateurs nationwide pack up their portable and emergency gear and head for the field (or a mountain top), set up camp, and try to contact as many other similar groups as possible over a 24-hour period.

Most amateur frequencies and modes are used, including the OSCAR satellite. Emergency power is typically coaxed from a reluctant generator, but more recently such sources as solar panels and windmills have been used.

The idea behind Field Day is an emergency preparedness exercise that encourages amateurs to maintain portable communications equipment and to develop operating skills under difficult conditions. In the event of natural disasters, which seem to occur all too frequently, amateurs are usually the only source of immediate rescue and health/welfare communication. There is seldom commercial power available.

Got the picture yet? Field Day sounds like it has a great purpose; but what do you actually do? Although there is a serious purpose to Field Day, the actual fun (and funny) activities of setting up a communications camp sometimes turns into a battle with Murphy. You cannot imagine the ingenuity required when the antenna part you need was left at home or the guy rope is 10 feet too short. Have you ever spent hours erecting an antenna 40 feet up only to discover that you forgot to solder the coax center conductor? Of course, you don't discover this until 3:00 a.m. during the middle of the contest.

Did I say contest? Yes, Field Day is also an ARRL contest with rules, points, multipliers and some of the most competitive operation you may ever experience. If you have never tried a contest before, here is your chance. Don't feel shy. Most everyone else at Field Day is not an experienced contesteer either. At least not at the beginning.

What about that 40-meter log periodic you read about, but that won't fit in your backyard? Build it and try it in the large outdoors. Experiences and experimenting are limitless on Field Day.

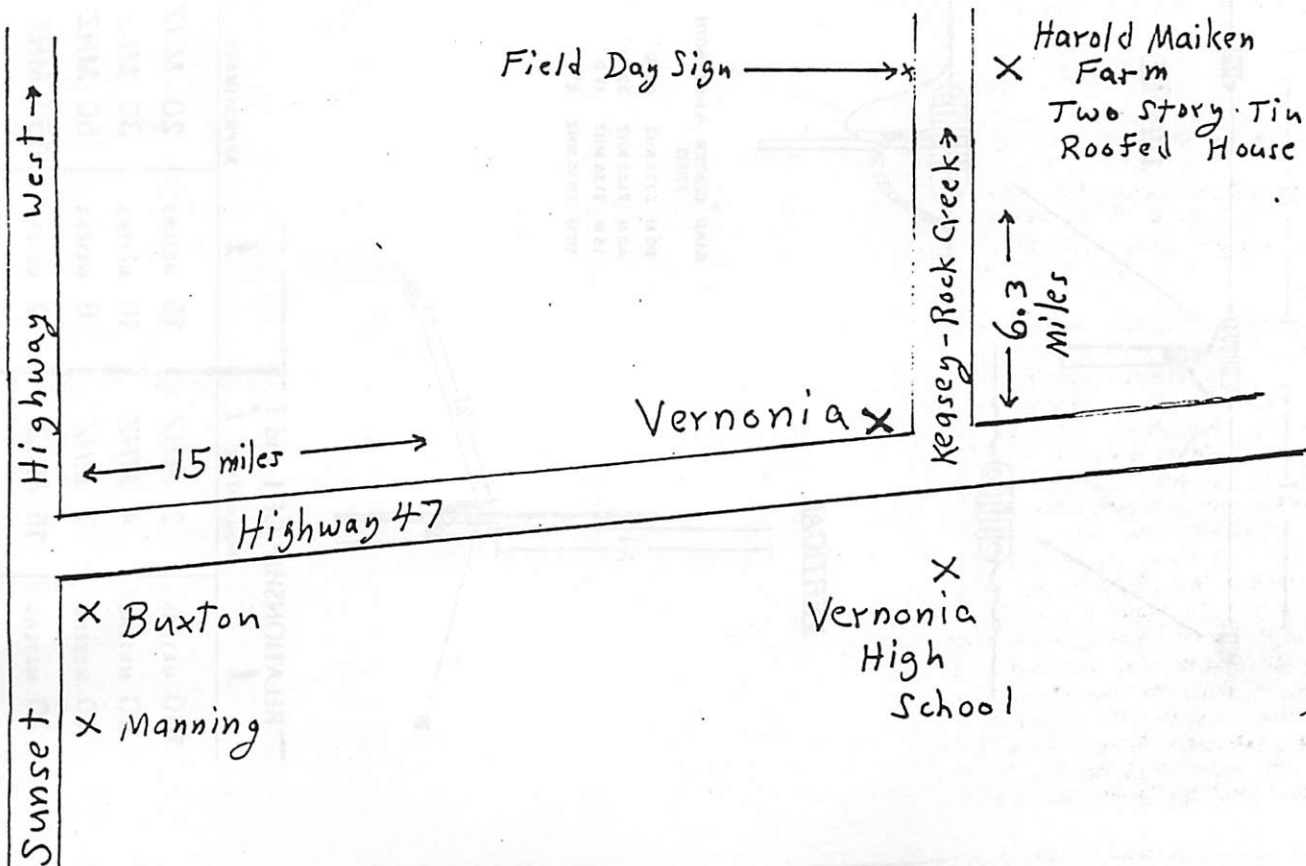
Although some go it alone, most everyone goes to Field Day with a group. Sometimes it's a small group, but usually it is your local club members, families, friends, or anyone who wants to tag along. Depending on the group's size, there are typically two to six stations set up and operated simultaneously. This creates a lot of operating and technical challenges that are solved only by team spirit and cooperation. The camaraderie that develops lasts beyond Field Day, and many times provides new amateurs with a unique opportunity to find an Elmer. What is an Elmer? Well, that's the title of another article.

I've only been able to touch on the highlights of Field Day. You must share the experience yourself to get the complete definition. How about giving it a try this year? The dates are 26-27 June.

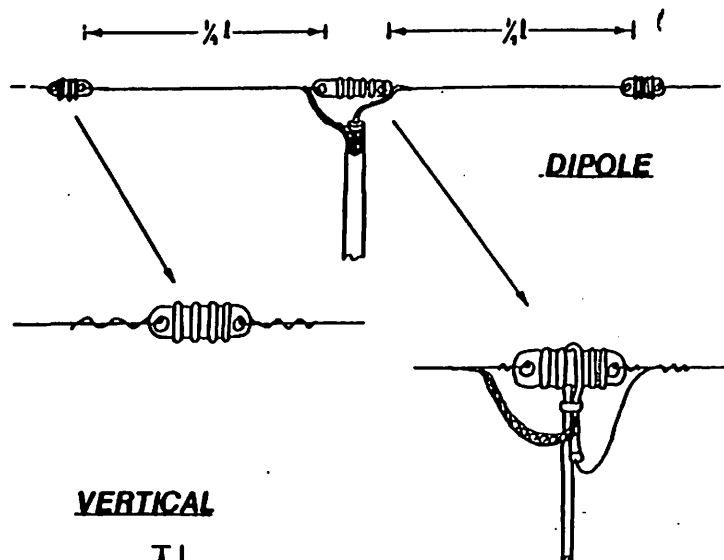
— Arizona Desert AIRE Waves. □

Go-Go-Go-Go
To field day !!!

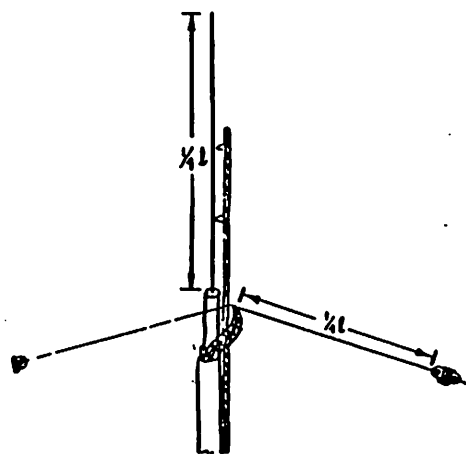
HOW TO
GET THERE



Novice Antennas



VERTICAL



BAND CENTER ~1/4 LENGTH FREQ

80M	3725 KHZ	63' 0"
40M	7125 KHZ	32' 11"
15M	21.15 MHZ	11' 0"
10M	28.15 MHZ	8' 4"

ANTENNA PROS AND CONS

Item	Advantages	Disadvantages	Impedance
Dipole	simple, easy to put up proper impedance	big somewhat directional	70 ohms
Vertical	small, simple low radiation angle (good for DX) omnidirectional proper impedance	needs good radial system, needs to be high, very big at low f	50 ohms
Multi-band	single feedline thus no antenna switch	radiates on other than proper frequency	about the same as a single band model
Beam	reduces interference low radiation angle directional	must be rotated too big at low f expensive	can be adjusted for 50 ohms
Twinlead feedline	less expensive	can cause tv must be tuned can't be used with beam, must be kept away from other conductors	300 ohms
Ladder-type feedline	less expensive	same as above	450-600 ohms
Coax	easy to use, install easy to switch, no tuning	needs special connector expensive	50-70 ohms
Matching Network	no unwanted radiation better antenna match prolongs tube life reduces interference	expensive cumbersome to adjust needs switch needs dummy load to properly tune transmitter	any
Balun	may reduce feedline radiation	may not work may reduce signal	20-200 ohms

RELATIONSHIP OF l and f

l	APPROXIMATE f	l	APPROXIMATE f
160 METERS	2 MHZ	15 METERS	20 MHZ
80 METERS	4 MHZ	10 METERS	30 MHZ
40 METERS	7 MHZ	6 METERS	50 MHZ
20 METERS	15 MHZ	2 METERS	150 MHZ



NEWS

BULLETIN



FIELD DAY FIELD DAY FIELD DAY

Here we go again folks. Off to a great club function and a rip-roaring week-end. More fun than a barrel of whatever. You have quite a bit of the info but just to make sure and to add a few things that were a big ? last month, here are all the details.....

THE SITE: The Harold Maiken farm which as the map shows, is 6.3 miles out of Vernonia on the Rock Creek-Keasey road.

WHEN: June 26-27-28. We will set up antennas starting at 10:00 AM on Friday and start the contest around 10:00AM on Saturday. The property owner is particular about two things. As it is a game preserve, no pets are preferred but if you must bring your pooch, it has to be on a leash at all times!! The second is cleaning up after ourselves. PLEASE do not toss trash out on the ground nor cigarette butts. We will have a few trash cans and ash trays around so please use them and save someone a lot of work cleaning up.

STATIONS: One CW station with all band capability, a phone station with 40-75 and a 20m beam. A phone station with 40-75 and a 15 meter dipole. PLUS-a novice station with all band capability.. This includes a tower and beam..

Some confusion may exist as to who may operate. ANYONE may operate whether licensed or not. This is in regards to the phone stations. The novice station may operate with novices and techs and as a matter of fact, the station must be set up by novices and techs.

The area has a his and hers outbuilding!! Lots of area for motor homes, trailers and tents. The stream has trout in it so if you are into killing poor little fish, have at it.

KITCHEN: As mentioned, the cook house is large and has an electric refrigerator as well as two wood stoves. We will have Coleman stoves as well. A water well is close by and operates by hand. Cute!!

FOOD: THE CLUB IS SERVING SATURDAY NITE DINNER AND SUNDAY MORNING BREAKFAST. ALL CONDIMENTS IN REGARD TO THE MEALS WILL BE FURNISHED AS WELL AS COFFEE, TEA, PAPER PLATES AND CUPS. WE ALSO ARE FURNISHING A PUNCH DRINK FOR THE KIDS AND A KEG FOR THE OLDER KIDS. YOU WILL HAVE TO BRING YOUR OWN EATING UTENSILS. WE WILL HAVE A FEW PLASTICS JUST IN CASE. MEAL COSTS WILL BE \$1.00 FOR ADULTS AND 50¢ FOR THE 6 TO 12 YEAR OLDS. SPAGHETTI DINNER WITH FRENCH BREAD AND TOSSED SALAD. PANCAKES AND SCRAMBLED EGGS FOR BREAKFAST...

Talk-in will be 92-32 and or 147.42. Make sure your handi is all charged up. The line voltage to the cookhouse has a fluctuation problem and it could damage your rig!!!

PLEASE keep an eye on the little ones as the stream is very close by. Do NOT want any accidents.

Any ? on the social side or food side of the fun, call Janet Dunshee. Badminton, Horseshoes, Bingo party and Weenie roast!!!

LET'S HAVE A BALL.....

Danger in new rules

Hal Crispell, W6TZV

FCC Docket 80-729 is the FCC proposal to revise the Amateur Radio Service rules into "plain language." Preliminary analysis ARRL and individual amateurs find that the docket, as proposed, contains several major substantive adverse changes to existing rules and the structure of Amateur Radio — despite statements therein of FCC intentions to the contrary.

The deadline for comments is 19 June 1981. The document is complex — 50 pages, with more than a year in preparation at the commission, the Amateur Radio community needs more time for studies and for publishing of analysis and progress, as well as preparation of letters of comment.

This article is intended as a plea to all amateurs to take immediate actions to defend the Amateur Radio Service against adverse changes. First, write a letter to the FCC urging extension of the date for comment by a reasonable period — say, six months. It will take many letters to effect this, so your letter is critical. Second, send \$1 to ARRL for a copy of Docket 80-729. Or see if your local library has a copy of the Federal Register, pages 83592 through 83642 under date of 19 December 1980. Also, the February 1981 QST, page 49, contains an outline of the proposed rules.

Third, study the docket when received and be ready to utilize results of analysis such as those underway in San Diego and Santa Barbara ARRL sections. These will be published in forthcoming Worldradio issues and elsewhere.

Fourth, pass the word. Remember, everybody is not yet a subscriber to Worldradio. Tell your friends and clubs about it. Fifth, based on the above steps, write a second letter to the FCC. Better, an original and 11 copies so that each commissioner may have an individual copy. Keep your letter constructive and positive — avoid non-constructive emotional criticism. Also make additional copies for your ARRL Division Director and for ARRL headquarters staff.

Preliminary studies have revealed the following adverse substantive changes.

A) The basis and purpose of the Amateur Radio Service is plainly expressed in existing rules 97.1. This would be supplanted by an inadequate three-sentence statement including the following phrase: "They (amateur operators) use the service only for their own personal satisfaction..."

B) Permission of the FCC would be required for placing your antenna "higher than 20 feet above a building you mount your antenna on" or "higher than existing antenna." This is dictated by proposed rules AR-25 and AR-30 in combination, even if your station is far away from an FAA or military agency airport or heliport.

C) Although the drafters' deny intention to change the structure of the Amateur Radio Service in paragraph 7 of the supplemental information (introduction), in paragraph 4 they describe restructuring of Part 97 in such a way as to bring together "the FCC requirements for a particular radio service into a subpart describing only that service." That restructuring would separate the existing Amateur Radio Service into three new services. These are a new lesser "Amateur Radio Service," a radio amateur civil emergency service, and an amateur satellite service. In the drafters' own words these would each be a "particular radio service." Is this not restructuring of the Amateur Radio Service?

D) Note the schizosemantic confusion of the proposal drafters in treating the word service and its plural in the docket. Beginning at the title of the docket it is singular, consistent with existing Part 97. Just below the title, in the summary, it has become plural. But in the legal format of the opening paragraph of supplementary information, it has returned to singular. Is this an example of "plain language" communication, or an unintentional revelation of the drafters' philosophy directed toward restructuring the existing Amateur Radio Service?

E) In paragraph 5 of the supplementary information, the drafters attempt to explain the need for the restructuring, described above in (C), as being required "to conform with the terms used in the international regulations." They then propose retitling of the Amateur Radio Service to become the Amateur Telecommunication Services. Further study will be required to see if this interpretation of international regulations is warranted. But the essence of the Amateur Radio Service is the use of bands within the radio portion of the electromagnetic spectrum, not the telecommunications media such as land lines.

F) While clarity of existing Part 97 rules can undoubtedly be improved in several instances, the overall picture is by no means foggy. It is a gratuitous insult to the intelligence of amateurs and candidates to presume that such "spoon feeding" is much needed. While appropriate to the less selective services such as citizens band, the use of precious resources to draft and implement such marginal regulatory changes for the Amateur Radio Service is questionable.

Some comfort may be derived from the news that those most responsible for the concepts of this proposal have left or are leaving under the present change of administration, but don't let that slow you in doing your part. And finally, if you are not now taking at least a small part in the Amateur Radio Emergency Service (ARES), the National Traffic System (NTS), and/or club teams which bring to life the leading phrase of Part 97.1 Basis and Purpose... "Amateur service to the public as a voluntary non-commercial communication service, particularly with respect to providing emergency communications," consider how you can re-budget your time to do so. □

One reason to . . .

After plotting the SWR curve on my antenna, I've found that I'll have to upgrade in order to fall into the 1:1 section of the curve.

● **HOME VIDEO TAPE IS THE FASTEST GROWING ELECTRONIC PRODUCT IN THE WORLD** - It will be a billion dollar business within 2 years. Right now the market only has a 2-3% penetration but a 15% penetration in home video is predicted within 5 years. A new metal videotape has been developed in Japan that could replace Beta and VHS as home VCR standards. Fuji's new MV metal tape can make a one hour TV program on a cassette the size of a C-60 audio cassette. And the technology is there to extend that to a 2 hour tape if thinner metal particle tape is used. Cobalt-metal tape could increase this again to 4 hours and by doubling the tape width to 1/4", a 8 hour tape could fit in ones shirt pocket!

A LITTLE MORE ON FIELD DAY

We will have over 20 people at the site on Friday. That is outstanding cooperation. We have 3 towers and beams to install. Four dipoles and two slopers as well as setting up two shelters. WE COULD USE: Two or three light tarps, a bag of clothespins and a few tent stakes. WE DO NOT NEED ANY TABLES OR CHAIRS FOR THE OPERATING STATIONS. We also need all the coax we can get as well as sturdy ropes. If you are donating and not arriving at the site until Saturday or can not (heaven forbid) make it at all, you are asked to take your equipment to the home of Roger, K7RXV, on the weekend PRIOR to field day. Most of the gear is being assembled there and will be transported from Rogers home. One other dire need: HEAVY LINE CORDS.....For any questions on anything other than social and food, call Roger, K7RXV-Marty, KA7CTP or Al, WB7SIC. We are doing all we can to see that things run smoothly.

OUR CONTACT GOAL: 2500 QSO'S!!!!!!!!!!

OUR SOCIAL GOAL: HAVE A GREAT TIME!!!!!!!!!!

CU ALL THERE

CONVENTION

A small report on the convention will be coming up in next months rag. Had to get this out a little earlier than usual due to business doings. Sure hope we had a good time?!

CLUB CAMPOUT

Latest rumor floating around is that we are going to have a campout on the weekend of July 25 and 26. The area is somewhere around Cascade Locks and plans are being put together for reservations and some social fun and games. Sounds like a neat deal and am sure that by next newsletter time it will be firmed up. We have a very ACTIVE social committee. A super group!!

HATS OFF

We like to remind the membership now and then as to who is doing the work. This months heroes are Bill, WB7NPH, for taking care of the raffle ticket sales. He has to forego the luxury of the before meeting ragchews. The other hero is Dennis, KC7BE, who does all of our Xerox work on the mini-Oregonian. He also copies our roster and any other heavy duty type of run. Last but not littlest is Chuck, KA7DEW, who computerizes our roster. There are a lot of changes each month and it takes time. You guys do a very good job and the club owes you a round of applause.....

Should we look more closely at the FCC?

Dick Stiern, K6REZ

Scarcely a day goes by that we don't hear about or read about some important decision from the FCC. Their directors make endless decisions affecting our entire Amateur Radio activity, not to mention commercial radio, TV stations, and the entire radio spectrum. We blithely accept these decisions, which encompass everything from the jargon of the CBers to the suitability of the programs and movies our children watch on the boob-tube.

In recent years, there has been an obvious down-grading of Amateur Radio by FCC decisions. One writer has said there is "a watering down of Amateur Radio into non-existence, making the marriage of the amateur and citizens' services easier." Actually, the focus of the FCC seems to be on the citizens' service. Their response to the abuses of the CBER has been to penalize Amateur Radio with the loss of frequencies, to revoke certain privileges, and to devise more difficult amateur examinations. Little recognition comes from the FCC toward the amateurs upgrading their skills, or who are active in public service.

Four-letter words and inappropriate subject matter are a "no-no" on amateur bands, but our children and grandchildren are subjected to an increasing barrage of language and sex in commercial and cable TV programming. Presumably, we are expected to accept such a paradox of governmental regulation without comment. We amateurs have been expected to be "good-guys" and are expected to avoid controversial subjects, like religion and politics; yet, we blithely accept the growing tide of anti-religion and anti-morality we are exposed to from the networks and cable companies.

None of us know very much about the actual make-up of the Commission. Who are these people? What about the background, experience and qualifications of its members? What are the duties, salaries and responsibilities of the Commission members themselves?

Maybe it's time for us to wake up. As licensed amateurs, of course we abide by sensible regulations, but aren't we also concerned citizens and parents? Is it not time to take a close look at the FCC governing body, as to its composition and deliberations? Are the Commissioners qualified appointees, or like some present day political boards and judicial appointees, has the FCC become a political dumping ground for unqualified bureaucrats?

As a starting point, I suggest the ARRL investigate, collect and publish facts about the FCC, including:

1. The names of FCC members together with the professional skills, background, and political experience of each of them.
2. Their tenure of office.
3. Names, background and experience of their top-level advisors and legal counsels.
4. Available comments and opinions of individual Commissioners on recent FCC decisions relative to the Amateur Service.
5. And, recommendations for qualified appointments to the Commission at such time as vacancies shall occur.

What do you think? You say I'm getting too political? I think it's time to be concerned about the future of our Amateur Radio hobby — or we may wake up some morning and have no Amateur Radio hobby to worry about.

— *The Communicator, Shafter, CA* □

Law of selective gravity. — An object will fall so as to do the most damage.

Higher postage rates — more QSL bureaus

Bob McGarvey, WB2EVF

A byproduct of the increase in international postage rates may be a greatly accelerated use of QSL bureaus by amateurs wishing to send and receive overseas cards.

It now costs 40 cents to send a ¼-ounce air mail letter to the many parts of the world where the charge used to be 31 cents.

In the past, an International Reply Coupon — which still costs 42 cents in this country — was supposed to be good for one surface mail return from a foreign country belonging to the International Postal Union. Generally, an American amateur would include at least one IRC with his request for a return card. If he was a real good neighbor, he'd stick in two of them. But with the increase in postal rates, overseas amateurs say the value of the IRC has been deflated to such a degree they can't afford to accept them in return for correspondence.

If we have to write off the mails as a means of overseas postal communication, it is obvious QSL bureaus such as the American Radio Relay League's membership overseas bureau will become even more valuable. Couple that outgoing bureau with the incoming ARRL-affiliated state bureaus and you have gone a long way toward solving your mail

problem as far as DX correspondence is concerned. That still leaves the domestic field, and many new private bureaus have been started to supplement those already in business. Some of the busier nets have had their own domestic bureaus for quite a while — the Century Club, for example.

The YL International Single Sideband Communication System has opened its own bureau, for members and those who have applied and are waiting for their numbers. It handles cards both ways, in and out, but limits itself to United States, Canadian and U.S. APO-FPO addresses.

Not to be overlooked, of course, is the role of the stateside QSL manager for foreign amateurs. A good one can solve a lot of problems.

Many amateur organizations issuing awards no longer require new members to submit verification cards as proof of contact. They are on an honor system.

Inflation has hit home as far as Amateur Radio is concerned. When it becomes too expensive to exchange cards, you have all the proof you need that the world is not the same anymore.

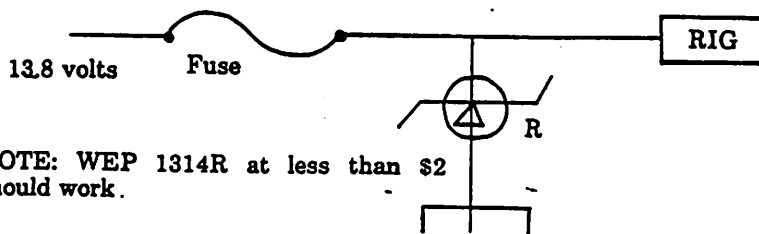
— *The Home News* □

Save your mobile rig from damage

The following item was taken from the OH-KY-IN VHF ARS — Q-Fiver. Did you ever think what might happen to that expensive rig in your car if the voltage regulator went out? Modern alternators can put out more than 35 volts if uncontrolled. This would fry most rigs, even if only applied for a few seconds. The following idea for protecting your rig was found in the Jackson, Michigan Mini-Mag. All that is needed is a 15-volt 10-watt Zener diode and fuse that you probably already have.

12-volt systems operate at around 13.8 volts and should not get much above 14 volts. The device works like this: If the voltage rises above 15 volts, the Zener fires and attempts to bring the voltage down. As it does, it draws more and more current until the fuse blows. The Zener may be destroyed, but that is a small price to pay for saving your rig.

— *DARA R-F Carrier* □



NOTE: WEP 1314R at less than \$2 should work.



SOUND FILM

Those of you who missed our last get-together lost the opportunity to see a sound film of our 1979-field day trip. It had several rather humorous scenes and was well received by the group. Too bad we don't have a member with a sound camera. Really be cool to have our 1981 outing on film. Do we have any latent filmmakers in the club? Quite sure the club could take the film expense.....

PROBLEM

If you live in an area that has a restriction on tower heights and it says nothing over 50' may be used, how do you put up your brand new 70' footer?? Simple! You dig a hole 20' deep. Hi. (that's an original, folks)

FIELD DAY SITE TRIP

The journey out to Vernonia was kind of fun. We had about six or seven cars in caravan and the wx was so good that Steve, N4BOS and Marty, KA7CTP, drove their classic Corvettes. With tops down! Steve has a 1967 rig and Marty has a 1970. Both of them are in showroom condition. Anyway, their prestigious vehicles got some strange substance on their pretty whitewalls. Looked very much like the stuff that Neil, WA6KLA got squeezed between his toes last field day. Guess one has to be careful when walking or driving around a farm. Moral: Don't wear sandals at the field day site!!!

GOOFS

Apologies are in order for any grammar or spelling goofs in this issue. Had two days to put it together and when the usual routine is 40% typing and 60% waiting for the White Out to dry, it is the pits!! Speed up the process and it all goes to pot. Thanks..

PROGRAM

NOT SURE YET. MAYBE WE WILL AND MAYBE WE WON'T. TOO EARLY TO BE POSITIVE AND TOO MUCH GOING ON.. CONVENTION AND F.D. JUST BE THERE!!!

OUR MONTHLY HEROES

POTLAND RADIO
1234 SW Stark
Potland

Joe

THE WIT SHIP
891 Molalla Ave.
Organ City

Denei @ Dieanne

HAVE A GOOD ONE

Marianne Smith

OTVARC
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